

UNITED STATES PATENT OFFICE.

WILLIAM G. ECKSTEIN, OF CHICAGO, ILLINOIS.

WASHING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 454,154, dated June 16, 1891.

Application filed November 28, 1890. Serial No. 372,927. (No specimens.)

To all whom it may concern:

Be it known that I, WILLIAM G. ECKSTEIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Washing Compound, of which the following is a specification, to wit:

My invention relates to an improvement in washing compounds; and it consists in the combination of certain ingredients and the manner of compounding or mixing the same, as will be hereinafter described, and pointed out in the claim.

To enable others skilled in the art to which my improvement relates to make and use the same, I will now proceed to describe my washing compound and the manner of compounding or mixing the same.

My washing compound is composed of paraffine, blue, commonly known as "bluing," preferably ultramarine-blue, and borax.

To make my compound I proceed as follows: To make five pounds of my washing compound, I take four pounds of paraffine, one-half ounce of blue or bluing, preferably ultramarine-blue, and one pound of borax and mix and compound them in the following manner: I first take the paraffine and blue and place them together in a vessel or receptacle of any kind, and then place said vessel with said mixture over a fire, so as to heat the same, and continue the application of the heat until the mixture becomes thoroughly melted, so that the two ingredients become thoroughly mixed. I then take the vessel with said heated mixture from the fire or withdraw it from the heat, so as to allow it to cool, and during the process of the cooling I mix with the mixture of paraffine and blue while it is in the process of cooling a solution of borax in sufficient water to dissolve it in the proportion as first above stated. While placing the borax in the mixture, as aforesaid, they are preferably stirred so as to thoroughly mix the three ingredients together. I then allow the whole mass to cool, when it will form itself into a solidified mass or compound ready for use. I prefer to take this solidified mass and grate it on a grater, so that it will become granulated or powdered, and furnished in such state to parties who

may desire to use it; or it may be furnished in solid blocks or pieces, which may be cut or shaved into small particles at any time, as desired. It may be cut into small particles, granulated, or powdered, as may be deemed best and proper.

While I have described the proportions of the mixture for five pounds of the washing compound, the same proportions will be preserved, preferably, if a larger amount is desired to be made; but I do not desire to be confined to the exact proportions as stated, as they may be varied as desired, the compound consisting, essentially, of the mixture of paraffine, blue, and borax.

By the use of the bluing material, in connection with the other ingredients and the boiling, the clothes receive a better color than it is possible to impart in the usual manner.

The manner of use preferably is as follows: I take three tea-spoonfuls of the granulated or shaved compound to one bar of soap. The soap is shaved and put in a kettle with about two quarts of water and the said tea-spoonfuls of the said compound. The mixture is then allowed to boil until all is dissolved. I place on the fire a boiler full or containing what water necessary for the white clothes, and when lukewarm I put in the dissolved mixture of said soap and washing compound. If there is more than one boilerful to be washed, it is preferable to save a little for the second boiler. I then dip the clothes in water, wring them out, and put them into the boiler, letting them boil about twenty minutes. Then they are taken out and put into a tub of cold water and wrung out of the cold water and blued and the washing is then done. While I prefer this manner of proceeding, I do not wish to be confined to its precise operation, as the same may be varied to suit.

What I claim as new, and desire to secure by Letters Patent, is—

The herein-described washing compound, consisting of paraffine, blue, and borax, in the proportions substantially as specified.

WILLIAM G. ECKSTEIN.

Witnesses:

H. HARRISON,
CHAS. E. GORTON.